<u>containing a 1,3-dioxolane group</u>: EP-B-0 288 813; EP-B-0 361 272;
EP-B-0 462 156; EP-B-0 351 746

It has been found in accordance with the invention that active-matrix
displays in which the ferroelectric smectic phase is stable over a broad

5   temperature range are obtainable by using the compounds of the formula
(I). Furthermore, the acute angle is very stable over a broad temperature
range, i.e. it is only subject to very small changes. The same applies to the
layer leaning angle.

10   In formula (I), X is preferably -OC(=O)-, -OCH$_2$- or -OC(=O)CH$_2$CH$_2$-,
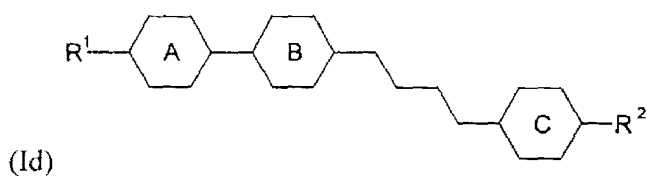particularly preferably -OC(=O).

B^1 is preferably cyclohexane-1,4-diyl, cyclohex-1-ene-1,4-diyl, phenylene-
1,4-diyl, unsubstituted, monosubstituted or disubstituted by F, or thiophene-

15   2,5-diyl, particularly preferably cyclohexane-1,4-diyl or thiophene-2,5-diyl.

A^1 is preferably pyrimidine-2,5-diyl (unsubstituted or monosubstituted by
F), pyridine-2,5-diyl (unsubstituted or monosubstituted by F), phenylene-
1,4-diyl (unsubstituted, monosubstituted or disubstituted by F) or (1,3,4)-
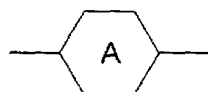
20   thiadiazole-2,5-diyl.

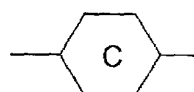Preferred compounds of the formula (I) correspond to the formulae

(Ia)

(Ib)

(Ic)

25

R^1—⟨A⟩—⟨B⟩ ... ⟨C⟩—R^2

(Id)
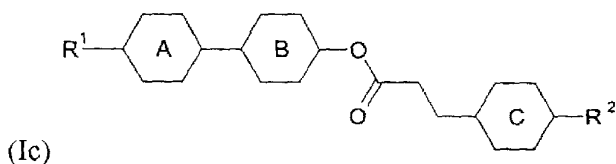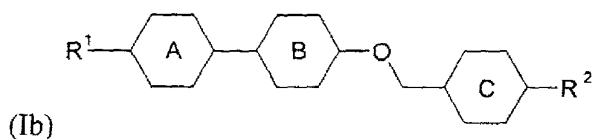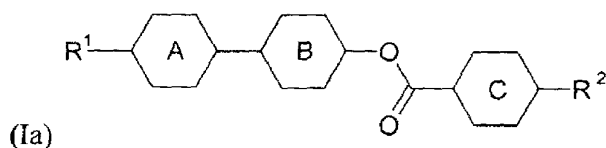
where R^1, R^2 are as defined above and

—⟨A⟩—

5   is a bivalent radical selected from the group consisting of phenylene-
1,4-diyl, unsubstituted, monosubstituted or disubstituted by F,
pyrimidine-2,5-diyl, unsubstituted or monosubstituted by F, pyridine-
2,5-diyl, unsubstituted or monosubstituted by F, (1,3,4)-thiadiazole-
2,5-diyl, indane-2,5-diyl, cyclohexane-1,4-diyl, unsubstituted or
10   monosubstituted by F or CN, cyclohex-1-ene-1,4-diyl, 1,2,3,4-tetra-
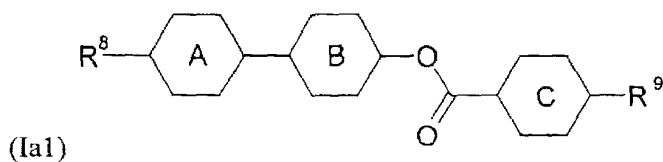hydroquinazoline-2,6-diyl

—⟨B⟩—

      is a bivalent radical selected from the group consisting of phenylene-
15   1,4-diyl, unsubstituted, monosubstituted or disubstituted by F,
pyrimidine-2,5-diyl, unsubstituted or monosubstituted by F, pyridine-
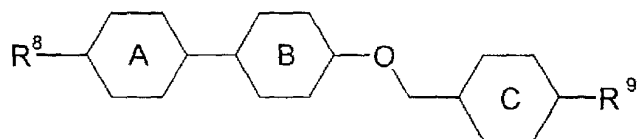2,5-diyl, unsubstituted or monosubstituted by F, indane-2,5-diyl

—⟨C⟩—

20   is a bivalent radical selected from the group consisting of cyclo-
hexane-1,4-diyl, unsubstituted or monosubstituted by F or CN, cyclo-
hex-1-ene-1,4-diyl, (1,3)-dioxane-2,5-diyl, unsubstituted or mono-
substituted by CN, thiophene-2,5-diyl, thiophene-2,4-diyl, phenylene-
1,4-diyl, unsubstituted, monosubstituted or disubstituted by F,
25   phenylene-1,3-diyl, unsubstituted, monosubstituted or disubstituted
by F.

Particularly preferred compounds of the formula (I) correspond to the
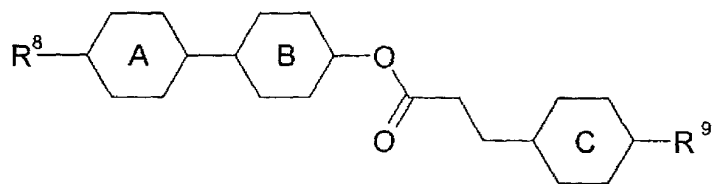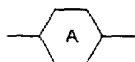formulae

30

(Ia1)

(Ib1)

(Ic1)

where:

5

is a bivalent radical selected from the group consisting of phenylene-1,4-diyl, unsubstituted, monosubstituted or disubstituted by F, (1,3,4)-thiadiazol-2,5-diyl, pyrimidine-2,5-diyl, unsubstituted or substituted by F, pyridine-2,5-diyl, unsubstituted or substituted by F ortho to the nitrogen

10   atom, 1,2,3,4-tetrahydroquinazoline-2,6-diyl

is a bivalent radical selected from the group consisting of phenylene-1,4-diyl, unsubstituted, monosubstituted or disubstituted by F, pyrimidine-

15   2,5-diyl, unsubstituted or monosubstituted by F, pyridine-2,5-diyl, unsubstituted or monosubstituted by F
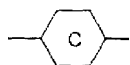
is a bivalent radical selected from the group consisting of cyclohexane-

20   1,4-diyl, thiophene-2,5-diyl, phenylene-1,4-diyl